

ABSTRACT

In order to perform diversity reception efficiently without increasing the scale of the apparatus, when the total number of simultaneously connected cells has reached N cells including an HSDPA serving cell a control section 104 keeps a switch 103 connecting a buffer 102-1 to a despreading section 105, and conversely, when the total number of simultaneously connected cells has not reached N cells including an HSDPA serving cell, after completion of despreading and delay profile generation for the simultaneously connected cells performed for the received signal of an antenna #1, control section 104 switches switch 103 to connect a buffer 102-2 to despreading section 105. By means of this switching control, diversity reception is performed for an HSDPA serving cell only when the total number of simultaneously connected cells has not reached N and there are free resources.